

GROUND-WATER LEVELS
KING GEORGE COUNTY

382129077005802. Local number, 54Q 22.

LOCATION.--Lat 38°21'29", long 77°00'58", Hydrologic Unit 02070011, 200 ft west of the Potomac River, 400 ft south of U.S. Highway 301, 750 ft east of Blandy Boulevard, and at the Naval Surface Warfare Center, Dahlgren Laboratory, in Dahlgren. Owner: U.S. Department of the Navy.

AQUIFER.--Confined aquifer of Quaternary age.

WELL CHARACTERISTICS.--Drilled observation water well, diameter 10 in. from 0 to 20 ft, diameter 4 in. from 0 to 46 ft, 56 to 58.25 ft, depth 58.25 ft, screened 46 to 56 ft.

INSTRUMENTATION.--Occasional measurement with chalked tape by USGS personnel. Prior to Oct. 26, 1994, digital recorder--60-minute punch.

DATUM.--Elevation of land-surface datum is 20.52 ft above sea level. Measuring point: Top of recorder shelf, 2.6 ft above land-surface datum prior to Nov. 4, 1994; top of casing, 1.98 ft thereafter.

PERIOD OF RECORD.--September 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 13.71 ft below land-surface datum, Apr. 17, 1993; lowest measured from natural causes, 16.29 ft below land-surface datum, Sept. 26, 1995; lowest recorded, 17.52 ft below land-surface datum, May 26, 1993, result of pumpage.

WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

		DATE	WATER LEVEL	DATE	WATER LEVEL
		MAR 30	14.12	SEP 30	16.03
WATER YEAR 1998	HIGHEST	14.12	MAR 30, 1998		
	LOWEST	16.03	SEP 30, 1998		

